tetrafluoroethyl difluoromethyl ether, said foaming agent compositions selected from the group consisting of:

composition

isisting c	/i·	
		composition % by weight
/\t	difluoromethoxy bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H);	1-95 99-5
Y	n-pentane	99-3
, i	diffuoromethoxy bis(diffuoromethyl ether)	1-99
	(HCF2OCF2OCF2H); iso-pentane	99-1
,	difluoromethoxy bis(difluoromethyl ether)	1-60
	(HCF ₂ OCF ₂ OCF ₂ H); dimethyl ketone (acetone)	99-40
IV)	difluoromethoxy bis(difluoromethyl ether)	1-99
	(HCF ₂ OCF ₂ OCF ₂ H), 1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365 mfc)	99-1
V)	difluoromethoxy bis(difluoromethyl ether)	1-40
	(HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HFC 356 ffa)	99-60
VI)	difluoromethoxy bis(difluoromethyl ether)	1-96
	(HCF ₂ OCF ₂ OCF ₂ H); methoxymethyl methylether	99-14
VII)	difluoromethoxy bis(difluoromethyl ether)	30-99
	(HCF ₂ OCF ₂ OCF ₂ H); n-hexane	70-1
VIII)	1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether	1-93
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(HCF ₂ OCF ₂ OCF ₂ H); n-pentane	99-7
IX) 1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H); dimethyl ketone (acetone)	30-99 70-1
X) 1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether (HOF ₂ OCF ₂ OCF ₂ H); n-hexane	15-99 85-1
XI) 1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H); ethyl alcohol	5-99 95-1
XII) difluoromethoxy-bis (difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365 mfc) a hydrocarbon selected from n-pentane or isopentane	1-64 98-1 1-35 and
XIII) difluoromethoxy-bis (difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HFC 356 ffa) a hydrocarbon selected from	1-22 98-43 1-35
n-pentane or isopentane	1-00

wherein

(1) in the foaming agent compositions II, III, IV, V and VI, up to 40% by weight of the difluoromethoxy-bis(difluoromethyl ether) is optionally substituted with 1-difluoromethoxy-1,1,2,2-tetrafluoroethyldifluoromethyl ether;

in the foaming agent compositions IX and X, up to 40% by weight of 1-difluoromethoxy-1,1,2,2-tetrafluoroethyl difluoromethyl ether is optionally substituted by difluoromethoxy-bis(difluoromethyl) ether;

(3) in the foaming agent compositions I and VII, up to 50% by weight of difluoromethoxy-bis(difluoromethyl ether) is optionally substituted by 1-difluoromethoxy-1,1,2,2-tetrafluoroethyldifluoromethyl ether;

(4) in the foaming agent compositions VIII and X, up to 50% by weight of 1-difluoromethoxy-1,1,2,2-tetrafluoroethyldifluoromethyl ether is optionally substituted with difluoromethoxy-bis(difluoromethyl) ether.

Claim 3 (Amended). The process according to claim 1, wherein the foaming agent compositions are selected from the group consisting of:

A)	difluoromethoxy-bis (difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); n-pentane	62% by wt. 38% by wt.
B)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); iso-pentane	63% by wt. 36% by wt.
C)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); dimethyl ketone (acetone)	42% by wt. 58% by wt.
D)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 356 mfc)	60% by wt. 40% by wt.
E)	difluoromethoxy- bis(difluoromethyl ether)	20% by wt.

	(HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HFC 356 ffa)	80% by wt.
F)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); methoxymethyl methyl ether	59% by wt. 41% by wt.
G)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); n-hexane	75% by wt. 25% by wt.
H)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ CF ₂ OCF ₂ H); n-pentane	61% by wt. 39% by wt.
I)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ CF ₂ OCF ₂ H); dimethyl ketone (acetone)	79% by wt. 21% by wt.
L)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ CF ₂ OCF ₂ H); n-hexane	74% by wt. 26% by wt. and
M)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ CF ₂ OCF ₂ H); ethyl alcohol	95% by wt. 5% by wt.

Claim 12 (Amended). The process according to claim 1, wherein the compositions are

composition

selected from the group consisting of:

D3

difluoromethoxy
bis(difluoromethyl ether)
(HCF₂OCF₂OCF₂H);
n-pentane

% by weight

1-95

99-5

1.6	\\ t	lifluoromethoxy pis(difluoromethyl ether)	1-99
0		HCF ₂ OCF ₂ OCF ₂ H); so-pentane	99-1
	۱.,	difluoromethoxy	1-99
	(($HCF_2OCF_2OCF_2H$); 1,1,1,3,3-pentafluorobutane ($CF_3CH_2CF_2CH_3$, HFC 365 mfc)	99-1
	,	difluoromethoxy bis(difluoromethyl ether)	1-40
		(HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4 hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HFC 356 ffa)	99-60
,	VI)	difluoromethoxy bis(difluoromethyl ether)	1-96
D35		(HCF ₂ OCF ₂ OCF ₂ H); methoxymethyl methylether	99-14
	VII)	difluoromethoxy bis(difluoromethyl ether)	30-99
		(HCF ₂ OCF ₂ OCF ₂ H); \n-hexane	70-1
	VIII)	1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether	1-93
		(HCF ₂ OCF ₂ OCF ₂ H);	99-7 and
	X)	1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether	15-99
		(HCF ₂ OCF ₂ OCF ₂ H); n-hexane	85-1
and			
	A)	difluoromethoxy-bis (difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); n-pentane	62% by wt. 38% by wt.
			1

Juh E2	B)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); iso-pentane	63% by wt. 36% by wt.
cont 1	\		·
	D)	difluoromethoxy- bis(difluoromethyl ether)	60% by wt.
		(HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,8,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 356 mfc)	40% by wt.
	E)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H);	20% by wt.
		1,1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HFC 356 ffa)	80% by wt.
DF	F)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H);	59% by wt.
		methoxymethyl methyl ether	41% by wt.
	G)	difluoromethoxy- bis(difluoromethyl ether)	75% by wt.
		(HCF ₂ OCF ₂ OCF ₂ H); n-hexane	25% by wt.
	H)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ CF ₂ OCF ₂ H);	61% by wt.
			39% by wt. and
	L)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ CF ₂ OCF ₂ H);	74% by wt.
		n-hexane	26% by wt.
			lain 1 whorein the compositions are

Claim 18 (Amended). The process according to claim 1, wherein the compositions are selected from the group consisting of:

l) difluoromethoxy bis(difluoromethyl ether)

1-95

composition % by weight

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163	(HCF ₂ OCF ₂ OCF ₂ H); n-pentane	99-5
July 1	difluoromethoxy bis(difluoromethyl ether)	1-99
0 7	(HCF ₂ OCF ₂ OCF ₂ H); iso-pentane	99-1
III)	difluoromethoxy bis(difluoromethyl ether)	1-60
	(HCF ₂ OCF ₂ OCF ₂ H); dimethyl ketone (acetone)	99-40
VII	bis(difluoromethyl ether)	30-99
	(HCF₂OCF₂OCF̀≥H); n-hexane	70-1
VI	1,1,2,2-tetrafluoroethyl	1-93
D\$	difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H); n-pentane	99-7
IX) 1-difluoromethoxy 1,1,2,2-tetrafluoroethyl	
	difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H);	30-99
×	dimethyl ketone (acetone) 1-difluoromethoxy	
	1,1,2,2-tetrafluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H);	15-99
	n-hexane	\\ \ \
>	(I) 1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether	5-99
	(HCF ₂ OCF ₂ OCF ₂ H); ethyl alcohol	95-1
:	(II) difluoromethoxy-bis (difluoromethyl ether)	1-64
	(HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365 mfc)	98-1
201011	(01 30.120. 23.10)	

1637		a hydrocarbon selected from n-pentane or isopentane	1-35 and
	XIII)	difluoromethoxy-bis (difluoromethyl ether)	1-22
		(HCF ₂ OCF ₂ OCF ₂ H); 1 1 1 4 4 4-hexafluorobutane	98-43
		(CF ₃ CH ₂ CH ₂ CF ₃ , HFC 356 ffa) a hydrocarbon selected from n-pentane or isopentane	
		A portain or the	
and			
	A)	difluoromethoxy-bis (difluoromethyl ether)	62% by wt.
		(HCF ₂ OCF ₂ OCF ₂ H); n-pentane	38% by wt.
	B)	difluoromethoxy- bis(difluoromethyl ether)	63% by wt.
J=		(HCF ₂ OCF ₂ OCF ₂ N); iso-pentane	36% by wt.
	C)	difluoromethoxy- bis(difluoromethyl ether)	42% by wt.
		(HCF ₂ OCF ₂ OCF ₂ H); dimethyl ketone (acetone)	58% by wt.
	G)	difluoromethoxy- bis(difluoromethyl ether)	75% by wt.
		(HCF ₂ OCF ₂ OCF ₂ H); n-hexane	25% by wt.
	H)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether	61% by wt.
		(HCF ₂ OCF ₂ CF ₂ OCF ₂ H); n-pentane	39% by wt.
	I)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether	79% by wt.
		(HCF ₂ OCF ₂ CF ₂ OCF ₂ H); dimethyl ketone (acetone)	21% by wt.
	L)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether	74% by wt.
		(HCF ₂ OCF ₂ CF ₂ OCF ₂ H); n-hexane	26% by wt. an

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M) 1-difluoromethoxy-1,1,2,2-tetrafluoroethyl difluoromethyl ether (HCF₂OCF₂CF₂OCF₂H); ethyl alcohol

95% by wt.

5% by wt.

(Claim 22 (Ameno	led). Polyurethane	compositions	comprising	the	foaming
Compositions sele	ected from the foaming co	mpositions:			
compositions sele			composition % by weigh	n nt	
<u> </u>	difluoromethoxy bis(difluoromethyl ether)		1-95		
	(HCF ₂ OCF ₂ OCF ₂ H); n-pentane		99-5		
II)	difluoromethoxy bis(difluoromethyl ether)		1-99		
	(HOF ₂ OCF ₂ OCF ₂ H); iso-pentane		99-1		
	difluoromethoxy bis(difluoromethyl ether)	1	1-60		
	(HCF ₂ OCF ₂ OCF ₂ H); dimethyl ketone (aceton		99-40		
VII)	difluoromethoxy	١	30-99		
	bis(difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H); n-hexane	<i>)</i>	70-1		
VIII)	1.1.2,2-tetrafluoroethyl		1-93		
	difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H); n-pentane		99-7		
IX)	1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H); dimethyl ketone (aceto		30-99		

jub E4	\ (I-difluoromethoxy I,1,2,2-tetrafluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H); n-hexane	15-99 85-1
		1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H); ethyl alcohol	5-99 95-1
	XII)	difluoromethoxy-bis (difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,3,3-pentafluorobutane	1-64 98-1
75		(CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365 mfc) a hydrocarbon selected from n-pentane or isopentane	1-35 and
*) .	XIII)	difluoromethoxy-bis (difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HFC 356 ffa)	1-22 98-43
		a hydrocarbon selected from n-pentane or isopentane	1-35
and		\	\
	A)	difluoromethoxy-bis (difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); n-pentane	62% by wt. 38% by wt.
	В)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); iso-pentane	63% by wt. 36% by wt.
	C)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); dimethyl ketone (acetone)	42% by wt. 58% by wt.

1 24	G)	difluoromethoxy- bis(difluoromethyl ether)	75% by wt.
and ch	\	(HCF ₂ OCF ₂ OCF ₂ H); n-hexane	25% by wt.
o~ /	(H)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether	61% by wt.
		(HCF ₂ OCF ₂ CF ₂ OCF ₂ H); n-pentane	39% by wt.
	l)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether	79% by wt.
		(HCF ₂ OCF ₂ CF ₂ OCF ₂ H); dimethyl ketone (acetone)	21% by wt.
	L)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether	74% by wt.
P\$		(HCF ₂ OOF ₂ CF ₂ OCF ₂ H); n-hexane	26% by wt. and
	M)	1-difluoromethoxy-1,1,2,2-tetra- fluoroethyl difluoromethyl ether	95% by wt.
		(HCF ₂ OCF ₂ CF ₂ OCF ₂ H); ethyl alcohol	5% by wt.
		\	

Claim 23 (Amended). Thermoplastic polymer compositions containing foaming agents, said foaming agents selected from the group consisting of:

	\	composition % by weight
l)	difluoromethoxy bis(difluoromethyl ether)	1-95
	(HCF ₂ OCF ₂ OCF ₂ H); n-pentane	99-5
11)	difluoromethoxy bis(difluoromethyl ether)	1-99
	(HCF ₂ OCF ₂ OCF ₂ H); iso-pentane	99-1
IV)	difluoromethoxy bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H);	1-99

1,24	<u></u>	1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 365 mfc)	99-1
my Ed	(V)	difluoromethoxy bis(difluoromethyl ether)	1-40
		(HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4-hexafluorobutane (CF ₃ CH ₂ CH ₂ CF ₃ , HFC 356 ffa)	99-60
	VI)	difluoromethoxy	1-96
		bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); methoxymethyl methylether	99-14
	VII)	difluoromethoxy bis(difluoromethyl ether)	30-99
;	,	(HCF ₂ OCF ₂ OCF ₂ H); n-hexane	70-1 and
D\$	VIII)	1-difluoromethoxy 1,1,2,2-tetrafluoroethyl difluoromethyl ether (HCF ₂ OCF ₂ OCF ₂ H); n-pentane	1-93
			99-7
	and		
	A)	difluoromethoxy-bis (difluoromethyl ether)	62% by wt.
		(HCF ₂ OCF ₂ OCF ₂ H); n-pentane	38% by wt.
	B)	difluoromethoxy- bis(difluoromethyl ether)	63% by wt.
		(HCF ₂ OCF ₂ OCF ₂ H); iso-pentane	36% by wt.
	D)	difluoromethoxy- bis(difluoromethyl ether)	60% by wt.
		(HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,3,3-pentafluorobutane (CF ₃ CH ₂ CF ₂ CH ₃ , HFC 356 mfc)	40% by wt.
	E)	difluoromethoxy- bis(difluoromethyl ether) (HCF ₂ OCF ₂ OCF ₂ H); 1,1,1,4,4,4-hexafluorobutane	20% by wt. 80% by wt.